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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/780,713	02/08/2001	In Kwon Jeong	ORL-001	6878

7590 10/04/2004  
MCKENNA LONG & ALDRIDGE, L.L.P.  
c/o Song K. Jung  
1900 K. Street, N.W.  
Washington, DC 20006

EXAMINER

CIRIC, LJILJANA V

ART UNIT	PAPER NUMBER
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3753

DATE MAILED: 10/04/2004

14

Please find below and/or attached an Office communication concerning this application or proceeding.

# Notice of Allowability

Application No.

09/780,713

Examiner

Ljiljana (Lil) V. Ciric

Applicant(s)

JEONG, IN KWON

Art Unit

3753

## -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to interviews on 3 September and 1 October 2004.
2. ☒ The allowed claim(s) is/are 1-3,6-13,16-21 and 23-25.
3. ☒ The drawings filed on 12 March 2001 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

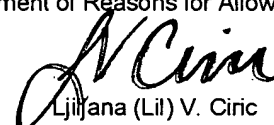
\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☒ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☒ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

### Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413),  
Paper No./Mail Date 13.
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
Ljiljana (Lil) V. Ciric  
Primary Examiner  
Art Unit: 3753

**EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Attorney Tony Josephson, Registration No. 45,742, on October 1, 2004.

2. The application has been amended as follows:

In the claims:

Claim 1, line 11: Immediately preceding "process component", delete "a" and insert --at least one--.

Claim 1, line 13: Immediately preceding "heat source", delete "a" and replace with --an electrical--.

Claim 13, line 16: Immediately following "heat transfer fluid circulation loop", insert a comma (,)

followed by said electrical heat source being in thermal communication with a portion of said cooling fluid circulation loop and said heat transfer fluid circulation loop; a current controller being operably coupled with said electrical heat source.

Claim 1, line 20: Immediately preceding "temperature control logic", insert --a controller programmed with a--.

Claim 1, lines 20-21: Immediately following "valve", insert --and controlling said current controller--.

Claim 10, line 1: Immediately following "wherein", insert --each of said at least one process components has a set point temperature where--.

Claim 10, lines 2-3: Delete "where the temperature correlates" and replace with --correlating--.

Claim 10, line 3: Delete "set point" immediately preceding "temperature" and "of" immediately preceding "said process components".

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Claim 11, line 3: Immediately preceding "remote temperature control module", delete "a" and insert -at least one--.

Claim 11, line 10: Immediately preceding "process component", delete "said" and replace with -the--.

Claim 11, line 17: Immediately preceding "heat source", delete "a" and replace with -an electrical--.

Claim 11, line 20: Immediately following "fluid circulation loop", insert a comma (,) followed by -said

electrical heat source being in thermal communication with a portion of said cooling fluid circulation loop

and said heat transfer fluid circulation loop; a current controller being operably coupled with said

electrical heat source--.

Claim 11, line 24: Immediately preceding "temperature control logic", insert -a controller programmed with a--. Also, immediately following "valve", insert -and controlling said current controller--.

Cancel claim 14.

Claim 20, lines 2-3: Delete "where the temperature correlates" and replace with -correlating--.

Claim 20, line 3: Delete "set point" immediately preceding "temperature". Also, immediately preceding "remote temperature control", insert -of said at least one--.

Claim 21, line 3: Immediately preceding "remote temperature control module", delete "a" and replace with -at least one--.

Claim 21, line 20: Immediately preceding "heat source", delete "a" and replace with -an electrical--.

Claim 21, line 26: Immediately preceding "heat source", insert -electrical--. Also, immediately following "heat source", insert a comma (,) followed by -said electrical heat source being in thermal

communication with the portion of the cooling fluid loop and the portion of the heat transfer fluid circulation loop; a current controller being operably coupled to said electrical heat source--.

Claim 21, line 30: At the beginning of the line, insert -a controller programmed with a--.

Claim 21, lines 30-31—Immediately following "valve", insert -and controlling said current controller--.

Claim 25, lines 2-3: Delete "where the temperature correlates" and replace with -correlating--.

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Claim 25, line 3: Immediately following "among all", insert -of said at least one--.

3. New corrected drawings are required in this application because the drawings in the file are informal. Applicant is advised to employ the services of a competent patent draftsman outside the Office, as the U.S. Patent and Trademark Office no longer prepares new drawings. The corrected drawings are required in reply to the Office action to avoid abandonment of the application. The requirement for corrected drawings will not be held in abeyance.

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ljiljana (Lil) V. Ciric, whose telephone number is (703) 308-3925.


While she works a flexible schedule that varies from day to day and from week to week, Examiner Ciric may generally be reached at the Office during the work week between the hours of 10 a.m. and 6 p.m. ET.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dave Scherbel, can be reached on (703) 308-1272. The NEW central official fax phone number is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 308-0861.

lvc

October 1, 2004

  
LJILJANA V. CIRIC  
PRIMARY EXAMINER  
ART UNIT 3753